

ABSTRACT OF THE DISCLOSURE

A vibration isolator for isolating a load from a floor. The vibration isolator may have an active isolator assembly that isolates the load in a first direction and a passive isolator assembly that isolates the member in a second direction or directions. The active isolator assembly may include a single actuator that is coaxially aligned with a sensor. The sensor and actuator can be connected to a controller which together provide active isolation of the load. The passive isolator assembly may include a pendulum that is coupled to a dashpot. Providing a system with just one actuator significantly reduces the cost of the vibration isolator with respect to isolators of the prior art.